VENTILATION—PURE AIR.

Sheringham's Ventilator, for the admission of pure air through an

EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 8s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the house is closed for the evening, at which time a somewhat supply of fresh air is most required.—HAYWARD, BROTHERS, sole Patentees, 128, Blackfriars-road, and 117, Union-street, Borough; and of all respectable ironmongers, builders, &c.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements.

Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 11 by 6.	Second size, 16 by 9
Plain Iron Valve	4 0	8 0
Bronzed and Leathered	7 0	10 0
Japanned, white with Gold lines	11 0	14 0
Ditto with Trellis-work	12 0	16 0
Brass Front, bead, or bronzed	13 0	19 0
Ditto with Trellis work	15 0	27 0

Ventilators of any description made to order.

Manufactured by HART and SON, 63, 64, 65, Wych-street, Strand, London.—Post-office orders payable at 293, Strand.

NOIRSAINS' VENTILATING GRATES and STOVES.—A long sought for desideratum at last obtained. Great Economy in Fuel.—entire Prevention of Smoking in Chimneys—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

The Proprietors solicit the attention of the public and scientific men to the patent apparatus,—the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices from Two Guineas upwards. R. HIDD, Agent.

WARMING by HOT WATER.—J. WEEKS and CO. King's-road, Chelsea.—A great variety of plain and ornamental apparatuses, consisting of Pedestals, and Stacks of Pipes for warming Churches, Mansions, Warehouses, Offices, Drying rooms, Conservatories, &c. &c.—To be seen in extensive operation on our Premises at Chelsea, and also at Mr. STOCKEN'S extensive carriage repository, Halkin-street, Hyde-park-corner.

WARMING and VENTILATING.—COTTAM and HALLEN, 8, Winsley-street, Oxford-street, having had thirty years' experience, and having warmed by the circulation of hot water upwards of FOUR THOUSAND BUILDINGS, consisting of Churches, Prisons, Lunatic Asylums, Halls and Staircases, Galleries, Conservatories, Forcing-houses, &c., can with confidence recommend their system, which by the various improvements they have made has PERFECTED THE CONSTRUCTION AND ECONOMIZED THE EXPENSE. Greenhouses, Conservatories, Verandahs, constructed entirely of iron or wood, and of iron and wood combined. Estimates upon application.

COTTAM and HALLEN, Engineers and Ironfounders, 8, Winsley-street, Oxford-street, London.

CALORIFERE.—Gold Medal at the Paris Exhibition, 1849.—Patent Apparatus for Heating and Ventilating, by Hot Air only, every description of buildings, and for drying every sort of materials, linens, and clothes. The following are the results:—

No. 1, burning 21 lb. of coal per hour, produces	10,000 cubic feet of Hot Air, 310 Fahr.
No. 2, burning 14 lb. of coal per hour, produces	30,000 " " "
No. 3, burning 6 lb. of coal per hour, produces	200,000 " " "

The atmosphere without being at 20 Fahr. J. BOILEVE, Civil Engineer, guarantees all the above named results; he shows every day at his Counting-house the smallest number, as well as a list of persons who have given him the most flattering testimonials of the efficiency and cheapness; among them, MM. Vincenti & Olivers, Architects, in Paris; Kœchlin, Brothers, Delfrumelay; Gros-odier Roman, Schlumberger, Hartman Spinners, Manufacturers, &c. Apply to J. BOILEVE, 147, Fenchurch-street, London.—To be Seen on Monday, Wednesday and Friday.

BATHS.—J. TYLOR and SON'S REGISTERED APPARATUS, consisting of Copper or Galvanized Iron Bath ("Japanned in imitation of woods or marbles") fixed in Frame complete, with Copper Circulating Boiler and Cock with Index-plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of a plumber or carpenter. A warm bath can be ready for use in less than half an hour, at the cost of 1d. for fuel. Price 16 guineas.—Apply to the Ironmongers and Plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

GREAT EXHIBITION PRIZES.—First Prize, KITCHEN RANGE, with Medal of Special Approbation. By Royal Letters Patent.—SIDNEY PLAVEL begs to inform the nobility, gentry, and public, that he has had the honour of being chosen as the only exhibitor of Kitchen Ranges entitled to a Medal of Special Approbation. The Range, as shown during the Great Exhibition, may be seen daily at 92, Jermyn-street, St. James's, London; and at his Manufactory, Portland-terrace, Leamington Priors.

STOVES, RANGES, GAS FITTINGS, &c.—BENETFINK and COMPANY defy competition in the above articles, if durability, combined with elegance of design, is deemed to be the test of cheapness.

B. and Co. especially call the attention of Architects and Builders to their house, as they are admitted to have the largest and best selected stock of STOVES, RANGES, and GAS FITTINGS in the Kingdom. Their stock includes Barjhonson's Patent Register Stoves, patent semispherical ditto, patent solar ditto, and patent pyrometic ditto; the unrivalled Derby Kitchen Range, and every description of cooking apparatus. As a proof of their ability to furnish the mansion or the cottage they submit the following cash of prices:—

Fine cast black Register Stoves, 2 feet wide, from 13s. to 18s.
Highly finished Drawing-room Stoves, from 42s. to 20 guineas.
Cottage Ranges, with boiler and self-acting oven, from 13s.
Improved Kitchen Ranges, with boiler, self-acting oven, and bright fittings, from 20s.
Very strong Kitchen Ranges, with self-acting oven, best wrought iron steam boiler, bright fittings, and bright spit racks, from 10 to 16 guineas.
9 light, water-gilt, gas Chandeliers, from 22s.
Ditto ditto ditto, from 1 to 10 guineas.

NOTE THE ADDRESS:—BENETFINK and COMPANY, 89 and 90, CHEAPSIDE, LONDON.

CUNDY'S PATENT PRIZE STOVE.—W. HODGES, late of 120, Oxford-street, begs to announce that he has transferred the Trade for manufacturing the above Stoves to Messrs. CUTLER and SONS, 32, Great Queen-street, Lincoln's-inn, where a large assortment is always kept on sale. Open Fire-grate; Air-ventilating Stoves, suitable for church, school-rooms, public offices, halls, and other rooms of all dimensions, on Smoke-consuming Register Stoves, which are guaranteed a perfect Cure for Smoky Chimneys.

GREAT EXHIBITION.—DRAWING-ROOM GRATES and FENDERS to which the GREAT COUNCIL MEDAL was AWARDED.

J. L. BENHAM and SONS beg to intimate that these beautiful Stoves and Fenders which were so generally admired for their artistic design and elaborate workmanship, are now on view in their EXTENSIVE SHOW-ROOMS, and respectfully invite ARCHITECTS and Others engaged in Building to inspect them there.

WARM AIR STOVES for CHURCHES, HALLS, &c. &c., simple in construction, ornamental in design, and thoroughly effective, of various sizes and prices.

J. L. BENHAM and SONS' MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE.

PRIZE MEDAL for COOKING APPARATUS awarded to J. L. BENHAM and SONS.

The IMPROVED FAMILY RANGE will roast, boil, bake, fry, &c. &c., for a large family, with an average consumption of only 20 lbs. of coal per day. It has an open fire, is perfectly simple, and of moderate cost.

Specimens of these excellent and economical Ranges, and also of the most improved Broiling Stoves, Hot Closet, Hot Table-Covers, &c., as lately exhibited in HYDE PARK, may be inspected at the MANUFACTORY and SHOW-ROOMS. A Gas Cooking Apparatus is in daily operation.

J. L. BENHAM and SONS, Stove, Range and Bath Manufacturers, Hot-water and Gas Engineers, &c., 19, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

A NEW KITCHEN RANGE, upon the SELF-ACTING principle; of a NOVEL, ECONOMICAL, and CONVENIENT construction; CHEAPER, more DURABLE, and in every respect SUPERIOR to the ordinary SELF-ACTING Range, fitted with LARGE OVEN AND BOILER, 37s. each.

BROWN and GREEN'S Patent Range is a CERTAIN CURE for a SMOKY CHIMNEY; effects a GREAT SAVING in fuel; and is decidedly the most COMPLETE and PERFECT apparatus for roasting, baking, boiling, stewing, frying, &c. Price 4l. 10s. and upwards. Testimonials forwarded on application.

Self-acting Oven and Boiler Ranges for Cottages, from 14s. 6d. each.

Large Ranges, Registers, and Stoves of all kinds. Terms, Cash. Delivered in London, Birmingham, &c.

Address BROWN and GREEN, Ironfounders, Luton, Beds.

A NEW STOVE.—GREAT NOVELTY.—In the construction of the BURTON REGISTER STOVE, it was the first care of the inventor, WILLIAM S. BURTON, to avail himself of the most valued of modern improvements in the art of heating, and, secondly, so to modify and alter the receptacle for fuel as to enable all order to obtain the simplest and most perfect combustion; after a long series of experiments, he has, by the substitution of a graceful form of shell for the present clumsy and ill-adapted bars, succeeded in producing a stove which, for soft and brilliant light, as well as purity and quantity of heat, is far beyond his most sanguine expectations, while for cleanliness and cheerfulness it is utterly unapproachable. Prices, from 63s. to 15l. To be seen in use daily in his show rooms, where also are to be seen 250 STOVES and 250 FENDERS (exclusive of reserved stock) all different in pattern, forming the largest assortment ever collected together. They are marked in plain figures, and at prices proportionate with those that have tended to make his establishment the most distinguished in this country. Bright Stoves, with bronzed ornaments and two sets of bars, 2l. 14s. to 3l. 18s.; ditto, with ormolu ornaments and two sets of bars, 3l. 10s. to 12l. 12s.; bronzed Fenders complete, with standards, from 7s. to 2l.; steel Fenders, from 6l. 12s. to 4l.; ditto, with rich ormolu ornaments, from 2l. 15s. to 21. 7s.; Fire-irons, from 1s. 9d. the set to 4l. 4s. Sylvester and all other Patent Stoves, with radiating hearth-plates, and Kitchen Ranges, which he is enabled to sell at these very reduced charges.

First—From the frequency and extent of his purchases; and Secondly—From those purchases being made exclusively for cash.

WILLIAM S. BURTON has TEN LARGE SHOW-ROOMS (all communicating), exclusive of the shop, devoted solely to the show of GENERAL FURNISHING IRONMONGERY (including cutlery, nickel silver, plated, and japanned wares, tins and iron bedsteads), so arranged and classified that purchasers may easily and at once make their selections.

Catalogues, with engravings, sent (per post) free. The money returned for every article not approved of.

250, OXFORD-STREET (corner of Newman-street); No. 1, and 2, NEWMAN-STREET; and 4 and 5, PERRY'S-PLACE.

Established A.D. 1820.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 110, Shoreditch.

Improved Self-acting Cottage Ranges,	30	32	34	36 inch.
with Large Oven and Boiler	32s.	37s.	42s.	54s.
Best Self-acting Ranges, with Oven and	34	36	38	42 inch.
Back Boiler, Bright Wrought Bars	5 5s.	6s.	7s.	8s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 2½d.

Register Stoves, with Solid Bars, per inch, 3d. Best Solar ditto, with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Fires, 30s. to 100s. each.

Cast Rain-water Pipe	2	3	3 inch.
	8d.	10d.	1s. per yard.

Cast Gutters—4 inch, 8d. per yard.

O. G. Gutters		4	4½ inch.
		11d.	1s. per yard.
Best Cut Clasp	10	11	2	2½	3 inch.
and Base	14s. 6d.	14s.	13s. 6d.	12s. 6d.	10s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.

1-inch Cut Lath, 12s. 6d.			Cast Lath, 9s. 6d.	
Patent Line	3	4	5	6
	4½d.	5d.	7d.	9d.	1s. per knot.

6 inch 2-Bolt Rd. Ward Mortise, with best Furniture and Patent Spindles, 3s. each. Light Elliptic and Register Metal, 12s. per cwt.

Dr. Arnott's Ventilators, 6s. 6d. each.

An extensive stock of bar, rod, hoop, and sheet Iron.

Clark and Hunt's Improved Glass Paper.

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRONMONGER, BRASS FOUNDER, STOVE and RANGE MANUFACTURER, 126 and 127, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholsterers, blind-makers, smiths, wheelwrights, &c. at wholesale prices:—

Best Cut Sheet Flooring Brads,	11s. 6d. per cwt.			
Best Cut Clasp	10	11	2	2½	3 in.
and Base	11s. 6d.	14s.	13s.	12s.	12s. per cwt.
Cast Lath, 9s. 6d. per cwt.; Rash Weights, 2s. per cwt.					
Sash Pulleys, 8s. per gross.					

Cast Butts, per dozen pair:—3-in. 10d.; 3½-in. 1s. 2d.; 3 in. 1s. 6d.

Iron Rain-water	2	3	3 in.
Pipe	8d.	10d.	1s. 1d. per yard.
Half Round	2	3	4 in.
Gutter	7d.	7½d.	9d. "
O G Gutter	4	4½	5 in.
	11d.	1s.	1s. 6d. "

Air Bricks, 2s. 6d. per dozen. Hooping for Bond, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 6s. 6d. each.

3-ft. Self-Acting Cottage Ranges, with Oven and Boiler, 32s. each.

3-ft. ditto, with Wrought Bars and Bright Fittings, 50s. each.

Register Stoves, with Double Backs, 3d. per inch.

Elliptic Stoves, with Double Backs, 2½d. per inch.

Bright Register Stoves, with Two sets of Bars, from 2l. each.

An excellent variety of Black and Bright Register Stoves kept ready for use at all prices, to which the attention of architects and builders is respectfully invited.

A large assortment of Rim, Mortise, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive Stock of neat and elegant Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell-pulls in Glass.

Bar, Hoop, Sheet, and Rod Iron, and Spring Steel.

The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade consuming iron-mongery can here select whatever they require at wholesale prices.

WALMSLEYS, 126 and 127, LONDON-ROAD, SOUTHWARK, 224 doors from the Obelisk.

BRITANNIA NAIL WAREHOUSE, 66, PARRINGDON-STREET.—M. O. PIERCE supplies Builders, &c. at the following low prices:—

Fine Britannia Cut	4d.	6d.	10d.	12d.	18d.	20d.	1½ per cwt.
Clasp and Base	11	11	9	9½	3 inch.
Sheet Flooring Brads, 3 inch, 8½ inch, 3 inch—11½ 6d. per cwt.					

Fine Cut Lath, 12s. 6d.; Cast ditto, 9s. 6d. per cwt.

Self-acting Oven and Boiler Ranges	30s.	35s.	35s.
	32	34	36 inch
Self-acting ditto, with Wrought	54s.	56s.	63s.
Bars and Bright Fittings	36	38	40 inch

Strong Double Back Elliptics, 3½d. per inch; Little Ditto, 3d. per inch.

Rain Water Pipe	2d.	3d.	3s. per yard.
	9	9½	3 inch.
Half-round Guttering	2d.	3	O G ditto	11d.	1s. per yard
	4 inch		4	4½ inch.

Air Bricks, 2s. 3d. per dozen. Sash Weights, 2s. per cwt.

Rim Locks, 4 inch, 3 bolt, patent spindles, 12s. 6d. per dozen.

Mortise Locks, 3 and 4 inch, improved with patent escutcheon, 22s. per dozen.

Patent Sash Line	2s. 6d.	3s.	3s.	12s.	6d. per gross
	No. 2	4	5	6	
Cast Butt Hinges	10d.	1s.	1s.	1s. 6d.	per dozen.
	3	3½	3	inch.	
Frame Pulleys	6d.	12s.	per gross.		
	1½	inch.			

An extensive assortment of "China" and "Buffalo" Door Furniture.

Terms, Net Cash.

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street, Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.

Elliptic Stoves, double backs, 2½d. per inch, and upwards.

Register Stoves, 4½d. 5d. 6d. 6½d. 7½d. per inch.

Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—

1 ft., 31. 15s.; 2 ft. 6 in., 4l. 5s.; 4 ft., 5l. 12s.

3-feet Cottage Ranges, with ovens and back boilers, 32s. each.

3-feet self-acting ditto, ditto, 34s. each.

Air Bricks, 2s. 3d. per doz.

1-inch Cut Lath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp.

10	11	2	2½	3 inch and larger.
14s. 6d.	14s.	13s.	12s. 6d.	11s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.

Best Town Glue, 22s. Ditto, Scotch, 20s. per cwt.

Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

NAILS and IRONMONGERY, from BIRMINGHAM direct.

Builders, Contractors, and others, supplied with Nails, Ironmongery, Brass-nuts, &c. at

LOWEST BIRMINGHAM PRICES.

a complete LIST of which will be forwarded upon application.

FREDERICK BLYTH,
Nail Manufacturer and General Factor,
Edmund-street, BIRMINGHAM,
or, at 17, Gresham-street West, LONDON.

PATENT WROUGHT NAILS.—These NAILS are submitted to the notice of Builders, Contractors, and Ship-builders, as being superior to any others, and cheaper. They have the toughness of the best hand-made nails, with the greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used, as they perfectly chisel-pointed, they require no boring, and will drive into the hardest wood without splitting it, and their heads, being very strong, do not fly off. The patent wrought nails may be had of all ironmongers. A stock of them is kept at the warehouses of the agents, HIGGS and GEORGE, Wholesale Ironmongers, 79, Borough, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.—RAIN PIPES, &c.—F. A. TIDDEMAN and Co. 39, Ann's Wharf, Earl-street, City, near Blackfriars-road, keep a large stock of Rain Pipes, Heads, Shoes, Elbows, &c. Gutters and O G Gutters, Socket Pipes for Water or Gas, Flange Pipes, Sash Weights, and other Castings; Iron Work for Baker Ovens of every description, fitted complete, to be had in one or in parts—Prices equal to all competition. Contracts taken to any extent, the goods landed. A powerful crane.

RAIN-WATER PIPES, O G and Half-round Gutters, Sash Weights, Railing Bars, Air Bricks, &c. J. JONES has the largest stock in London of the above articles, castings of the very best quality. Also, cast-iron pipes for gas, water, or drainage; bends, tees, &c.; flange and hot water pipes, with all the usual connections; lamp posts and retorts made stillers, pud-troughs, &c. &c.—J. JONES, IRON BRIDGE WHARF, No. 5, BANKSIDE, LONDON, near the Southwark Iron Bridge.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and Co. 44 Borough, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coachhouse, and other gate, yard, door of large and small dimensions, a gate of a ton weight may be hung with these hinges as easily as a wicket. Ornamental hinges adapted for drawing-rooms, &c.; doors fitted with them can be removed and replaced in an instant. Rising and door to open and spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge's Patent Hinge." Plain and ornamental cast and wrought iron work for building and other purposes. Engines, machinery, patent screw trees, sugar mills, &c.

FOUNDRY AND IRON WORKS.

66, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, or other structural or ornamental.

Patterns of Gardens, Colonnades, Balconies, Railing, Ornaments, Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines; Range and Hot-plate Stoves. An improved Soot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O G Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 10 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Bridges, Greenhouses, Staircases, Wrought-iron Girders, Fire-proof Doors, Book cases and Strong Rooms, Tanks and Boilers, and every description of Ironwork to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS,
66, DRURY-LANE, and CHARLES-STREET.

THE GREAT EXHIBITION IN LONDON AWARDED A PRIZE MEDAL TO THESE MACHINES.

PATENT MACHINES, for Planing, Moulding, Mortising, Tenoning, Grooving, Sawing, and Boring, as used by joiners, builders, coachmakers, railway carriage and wagon builders, railway manufacturers, piano-forte makers, &c.—The principal Institutions for the Encouragement of Arts have awarded or pattern premiums to these machines; they have been found in every respect perfect in their operations, on either hard or soft wood, and will perform all the ordinary descriptions of work required in the above trades in a superior manner, at a greatly reduced cost. These machines are now used by the British, French, and American Governments, and by all the principal contractors, builders, and machinists in the United Kingdom.

Sold by WILLIAM FURNESS, Patentee, 38, Lawton-street, Liverpool.

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